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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/811,315	03/29/2004	Wassim Haddad	1509-497	9649
22879 7590 06/03/2008 HEWLETT PACKARD COMPANY P O BOX 272400, 3404 E. HARMONY ROAD INTELLECTUAL PROPERTY ADMINISTRATION FORT COLLINS, CO 80527-2400				
EXAMINER ABRISHAMKAR, KAVEH				
ART UNIT 2131		PAPER NUMBER		
NOTIFICATION DATE 06/03/2008		DELIVERY MODE ELECTRONIC		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

JERRY.SHORMA@HP.COM

mkraft@hp.com

ipa.mail@hp.com

### Office Action Summary

**Application No.**

10/811,315

**Applicant(s)**

HADDAD ET AL.

**Examiner**

KAVEH ABRISHAMKAR

**Art Unit**

2131

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 29 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-27 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SF/ICE)  
Paper No(s)/Mail Date 12/11/2008
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

1. This action is in response to the communication filed on March 29, 2004. Claims 1-27 were originally received for consideration. No preliminary amendments for the claims were received.
2. Claims 1-27 are currently pending consideration.

### ***Information Disclosure Statement***

3. An initialed and dated copy of the Applicant's IDS form 1449, received on 12/11/2006, is attached to this Office Action.

### ***Claim Rejections - 35 USC § 102***

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-27 are rejected under 35 U.S.C. 102(e) as being anticipated by Arkko et al. (U.S. Patent 7,181,012).

Regarding claim 1, Arkko discloses:

A method of establishing access from a first processing apparatus, capable of sending and receiving data and of connecting to a first and a second network, to an

application running on a second processing apparatus, capable of sending and receiving data and of connecting to the first and the second network, comprising the steps of:

sending, on behalf of the first processing apparatus, data comprising a log-on request to the second processing apparatus via the first network (column 5, lines 5-15);

responding to the log-on request with a demand for authentication data to the first processing device (column 5, lines 5-15); and

replying to the demand by sending the authentication data from the first processing device, wherein at least one of the demand and the authentication data is sent via the second network, different to the first (column 3, lines 56-65).

Claim 2 is rejected as applied above in rejecting claim 1. Furthermore, Arkko discloses:

A method according to claim 1 in which the demand and the authentication data is sent via the second network (column 3, lines 56-65).

Claim 3 is rejected as applied above in rejecting claim 1. Furthermore, Arkko discloses:

A method according to claim 1 in which the demand and/or the authentication data are sent as an MMS message (column 4, lines 20-30).

Claim 4 is rejected as applied above in rejecting claim 3. Furthermore, Arkko discloses:

A method according to claim 3 in which the MMS message requests or provides a file containing predetermined information (column 4, lines 20-30).

Claim 5 is rejected as applied above in rejecting claim 4. Furthermore, Arkko discloses:

A method according to claim 4 in which data provided by the file is hashed (column 4, lines 20-30).

Claim 6 is rejected as applied above in rejecting claim 1. Furthermore, Arkko discloses:

A method according to claim 1 in which the first processing apparatus periodically sends a message via the second network re-authenticating the log-on to the application (column 4, lines 5-15).

Claim 7 is rejected as applied above in rejecting claim 1. Furthermore, Arkko discloses:

A method according to claim 1 in which the second processing apparatus is a server (column 4, lines 5-15).

Claim 8 is rejected as applied above in rejecting claim 1. Furthermore, Arkko discloses:

A method according to claim 1 wherein the first and second networks differ by virtue of a lack of identity in regard to at least one characteristic selected from the group consisting of:

commercial control of access to a least part thereof; at least one communication protocol employed therein;

transmission medium for data over at least a part thereof; and

intrinsically available frequency bandwidth for transmission of data over at least part thereof (column 3, lines 56-65).

Regarding claim 9, Arkko discloses:

A system comprising at least a first processing apparatus which is capable of being connected, by a first network and a second network connection, to at least one second processing apparatus running an application to which access is gained from the first processing apparatus, the system being arranged to allow the first processing apparatus to initiate a log-on to the application by sending a log on request to the application on the second processing apparatus, the second processing apparatus being arranged to generate a demand for authentication data in response to the request and transmit the demand to the first processing apparatus and the first processing apparatus being arranged to transmit a reply to the demand including the authentication data to the second apparatus, the system being arranged such that at least one of the log-on request, the demand and the reply to the demand is sent via the second network (column 3, lines 56-65, column 5, lines 5-15).

Regarding claim 10, Arkko discloses:

A processing apparatus for running an application onto which users can log-on and comprising a first transmitting means and a first receiving means arranged respectively to transmit and receive data across a first network, a second transmitting means and a second receiving means arranged respectively to transmit and receive

data across a second network, different from the first network, and a processing means, at least one of the receiving means being arranged to receive a request to log-on to the application and pass the request to the processing means, the processing means being arranged to cause at least one of the transmitting means to transmit a demand for authentication data and at least one of the receiving means being arranged to receive a reply to the demand which is arranged to forward the reply to the processing means which is arranged to determine whether the authentication data has been supplied in the reply and to authenticate the log-on request accordingly, wherein at least one of the request, the demand and the response is sent using the second network (column 3, lines 56-65, column 5, lines 5-15).

Claim 11 is rejected as applied above in rejecting claim 10. Furthermore, Arkko discloses:

An apparatus according to claim 10 in which the first transmitting means and first receiving means are arranged to communicate with the Internet (column 3, lines 56-65, column 5, lines 5-15).

Claim 12 is rejected as applied above in rejecting claim 10. Furthermore, Arkko discloses:

An apparatus according to claim 10 in which the second transmitting means and the second receiving means are arranged to communicate with a wireless telecommunication network (column 3, lines 56-65, column 5, lines 5-15).

Claim 13 is rejected as applied above in rejecting claim 10. Furthermore, Arkko discloses:

An apparatus according to claims 10 in which at least one of the demand and the reply are arranged to be sent as an MMS message (column 3, lines 56-65, column 5, lines 5-15).

Regarding claim 14, Arkko discloses:

A method of establishing access from a first processing apparatus to an application running on a second processing apparatus, the second apparatus being capable of being connected to a first network and a second network, the method comprising receiving a request to log-on to the application from at least one of the first and second networks, sending a demand for authentication data via at least one of the first and second networks and receiving a reply to the demand including the authentication data, via at least one of the first and second networks, and processing the authentication data to determine whether it is the demanded authentication data and authenticating the log-on request accordingly, wherein at least one of the request, the demand, and the reply is transmitted using the second network (column 3, lines 56-65, column 5, lines 5-15).

Regarding claim 15, Arkko discloses:



A processing apparatus arranged to generate a request to initiate a log-on with an application capable of being connected thereto via at least a first and a second network wherein the apparatus is arranged to generate a log-on request and transmit the request across at least one of the first and second networks, further arranged to receive a demand for authentication data in response to the request from at least one of the first and second networks, further arranged to process the demand and to generate a reply thereto including the authentication data and further arranged to send the reply across at least one of the first and second networks, wherein the apparatus is arranged such that at least one of the request, the demand, and the reply is transmitted using the second network (column 3, lines 56-65, column 5, lines 5-15).

Regarding claim 16, Arkko discloses:

A method of establishing access to an application running on a processing apparatus from a first processing apparatus and capable of being connected to the application by a first network and a second network comprising generating a request to log-on to the application and transmitting the request across at least one of the networks; receiving a demand for authentication data in response to the request from at least one of the first and second networks; generating a reply to the demand including the authentication data and sending the reply across at least one of the first and second networks, wherein at least one of the request, the demand and the reply is transmitted using the second network (column 3, lines 56-65, column 5, lines 5-15).

Claim 17 is rejected as applied above in rejecting claim 1. Furthermore, Arkko discloses:

A computer readable medium including instructions which, when read onto a computer, cause said computer to perform the method of claim 1 (column 3, lines 56-65, column 5, lines 5-15).

Claim 18 is rejected as applied above in rejecting claim 14. Furthermore, Arkko discloses:

A computer readable medium including instructions which, when read onto a computer, cause said computer to perform the method of claim 14 (column 3, lines 56-65, column 5, lines 5-15).

Claim 19 is rejected as applied above in rejecting claim 16. Furthermore, Arkko discloses:

A computer readable medium including instructions which, when read onto a computer, cause said computer to perform the method of claim 16 (column 3, lines 56-65, column 5, lines 5-15).

Claim 20 is rejected as applied above in rejecting claim 9. Furthermore, Arkko discloses:

A computer readable medium including instructions which, when read onto a computer, cause said computer to function as the processing apparatus of claim 9

(column 3, lines 56-65, column 5, lines 5-15).

Claim 21 is rejected as applied above in rejecting claim 10. Furthermore, Arkko discloses:

A computer readable medium including instructions which, when read onto a computer, cause said computer to function as the processing apparatus of claim 10 (column 3, lines 56-65, column 5, lines 5-15).

Claim 22 is rejected as applied above in rejecting claim 15. Furthermore, Arkko discloses:

A computer readable medium including instructions which when, read onto a computer, cause said computer to function as the processing apparatus of claim 15 (column 3, lines 56-65, column 5, lines 5-15).

Regarding claim 23, Arkko discloses:

A method of making a connection from a computing device, capable of sending and receiving data and of connecting to a first and a second network, to an application running on a further computing device, capable of sending and receiving data and of connecting to the first and the second network, comprising the steps of:

sending, on behalf of the computing device, data comprising a log-on request to the further computing device via the first network (column 3, lines 56-65, column 5, lines 5-15);

responding to the log-on request with a demand for authentication data (column 3, lines 56-65, column 5, lines 5-15); and

replying to the demand by sending the authentication data, wherein at least one of the demand and the authentication data are sent via the second network, different to the first (column 3, lines 56-65, column 5, lines 5-15).

Regarding claim 24, Arkko discloses:

A processing apparatus for running an application onto which users can log-on and comprising a first transmitting means and a first receiving means arranged respectively to transmit and receive data across the Internet, a second transmitting means and a second receiving means arranged respectively to transmit and receive data across a wireless telecommunication network, and a processing means, at least one of the receiving means being arranged to receive a request to log-on to the application and pass the request to the processing means, the processing means being arranged to cause at least one of the transmitting means to transmit a demand for authentication data and at least one of the receiving means being arranged to receive a reply to the demand which is arranged to forward the reply to the processing means which is arranged to determine whether the authentication data has been supplied in the reply and to authenticate the log-on request accordingly, wherein at least one of the request, the demand and the response is adapted to be sent using the wireless telecommunication network (column 3, lines 56-65, column 5, lines 5-15).

Claim 25 is rejected as applied above in rejecting claim 24. Furthermore, Arkko discloses:

A processing apparatus according to claim 24 in which at least one of the request, the demand and the response are sent as an MMS message (column 3, lines 56-65, column 5, lines 5-15).

Regarding claim 26, Arkko discloses:

A processing apparatus for running an application onto which users can log-on and comprising a first transmitter and a first receiver arranged respectively to transmit and receive data across a first network, a second transmitter and a second receiver arranged respectively to transmit and receive data across a second network, different from the first network, and a processor, at least one of the receivers being arranged to receive a request to log-on to the application and pass the request to the processor, the processor being arranged to cause at least one of the transmitters to transmit a demand for authentication data and at least one of the receivers being arranged to receive a reply to the demand which is arranged to forward the reply to the processor which is arranged to determine whether the authentication data has been supplied in the reply and to authenticate the log-on request accordingly, wherein at least one of the request, the demand and the response is adapted to be sent using the second network (column 3, lines 56-65, column 5, lines 5-15).

Regarding claim 27, Arkko discloses:

A processing apparatus for running an application onto which users can log-on and comprising a first transmitter and a first receiver arranged respectively to transmit and receive data across the Internet, a second transmitter and a second receiver arranged respectively to transmit and receive data across a wireless telecommunication network, and a processor, at least one of the receiver being arranged to receive a request to log-on to the application and pass the request to the processor, the processor being arranged to cause at least one of the transmitter to transmit a demand for authentication data and at least one of the receiver being arranged to receive a reply to the demand which is arranged to forward the reply to the processor which is arranged to determine whether the authentication data has been supplied in the reply and to authenticate the log-on request accordingly, wherein at least one of the request, the demand and the response is adapted to be sent using the wireless telecommunication network (column 3, lines 56-65, column 5, lines 5-15).

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KAVEH ABRISHAMKAR whose telephone number is (571)272-3786. The examiner can normally be reached on Monday thru Friday 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2131

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Kaveh Abrishamkar/  
Examiner, Art Unit 2131

/K. A./  
05/27/2008  
Examiner, Art Unit 2131